

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/028071 A1

(51) International Patent Classification⁷: **B01D 29/11,**
29/46

(21) International Application Number:
PCT/IL2004/000862

(22) International Filing Date:
19 September 2004 (19.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
158052 22 September 2003 (22.09.2003) IL

(71) Applicant (for all designated States except US): **ARKAL
FILTRATION SYSTEMS C.S. LTD.** [IL/IL]; Jordan Va-
ley, 15135 Kibbutz Bei-Zera (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BEN-HORIN,**
Raanan [IL/IL]; Jordan Valey, 15135 Kibbutz Beit-Zera
(IL).

(74) Agent: **FREIMANN, Daniel;** Daniel Freimann & Co., 5
Droyanov Street, 63143 Tel-Aviv (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

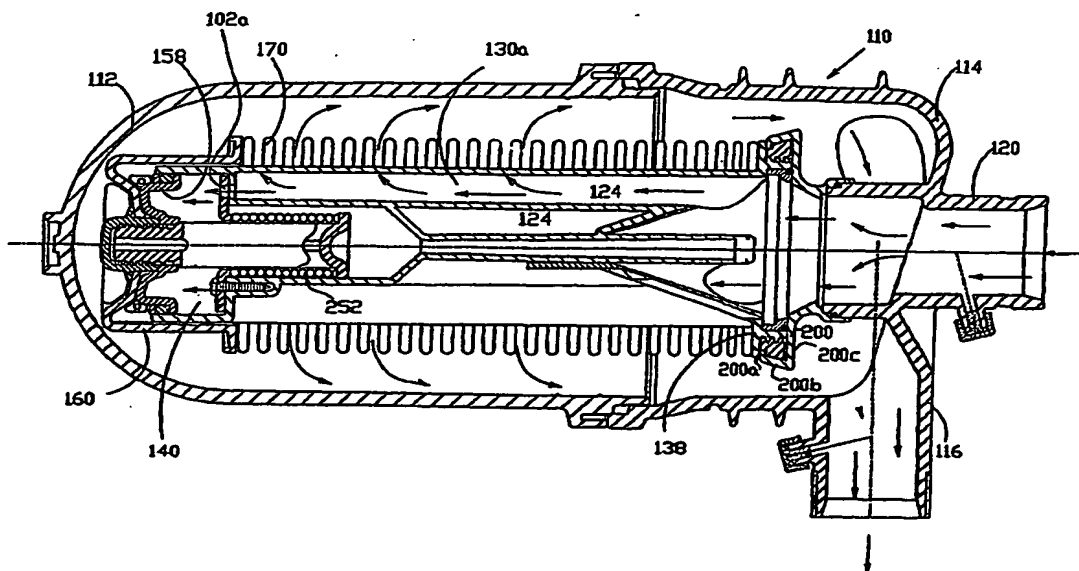
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: REVERSE FLOW SPIN-CLEANING LIQUID FILTERS



(57) Abstract: In a liquid filter of the reverse-flow spin-cleaning type, the present invention provides the improvement of mounting the pack of discs (170) intermediate an assembly comprising a seat member (200) and screw-thread split-ring (202).

WO 2005/028071 A1